

UTAH DIVISION OF OIL, GAS AND MINING

REMARKS: WELL LOG. — ELECTRIC LOGS. — FILE X WATER SANDS. — LOCATION INSPECTED — SUB. REPORT/ABD. —* Location Abandoned - Well never drilled - 1-11-82 #1882DATE FILED 1-25-79

LAND: FEE & PATENTED

STATE LEASE NO.

PUBLIC LEASE NO. U-37355

INDIAN

DRILLING APPROVED: 1-23-79 GW

SPUDDED IN:

COMPLETED:

PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: 1-08-82 1stFIELD: Bonanza 396 Natural Buttes

UNIT:

COUNTY: UintahWELL NO. Sagebrush Federal 2-8API NO: 43-047-30564LOCATION 3585' XXXX FT. FROM (N) XX LINE.XXXX 743' FT. FROM XX (W) LINE.NE NW1/4 - 1/4 SEC. 83

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
<u>10S</u>	<u>23E</u>	<u>8</u>	<u>ENSERCH EXPLORATION INC.</u>				

FILE NOTATIONS

Entered in NID File
Location Map Pinned
Card Indexed
✓
✓

Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

Date Well Completed

Location Inspected

Bond released

State or Fee Land

W..... WW..... TA.....

GW..... OS..... PA.....

LOGS FILED

Driller's Log.....

Electric Logs (No.)

E..... I..... Dual I Lat..... GR-N.....

BHC Sonic GR..... Lat..... Mi-L..... Sonic

CCLog..... CCLog..... Others.....

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Enserch Exploration Incorporated

3. ADDRESS OF OPERATOR

Empire Central Building 7701 No. Spemmons Freeway Dallas, TX

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1012' FNL 1644' FWL - Section 8, T10S, R23E, S.L.B. & M.

At proposed prod. zone

2585' 743'

NE NW

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15 miles from Bonanza

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

16. NO. OF ACRES IN LEASE

1920

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

9000'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5339'

22. APPROX. DATE WORK WILL START*

March 1, 1979

23. PROPOSED CASING AND CEMENTING PROGRAM

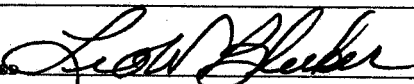
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 3/4	13 3/8	48.0	2000 ±	Suff to circulate
7 7/8	4 1/2	11.6	7500 ±	Suff to circulate

Operator proposes to drill well to total depth of 9000' with water and salt base mud drilling fluid to test all zones through the Mesa Verde formation. A 12" X 3000# weld on head and 12" X 3000# double gate and spherical BOP will be installed and tested to 1000 psi. BOP will be checked daily. If the well is not productive, casing will be restored as per BLM instructions, and a regulation dry hole marker erected.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED



TITLE Drilling Supervisor

DATE January 8, 1979

(This space for Federal or State office use)

PERMIT NO.

43-047-30564

APPROVAL DATE

APPROVED BY

TITLE

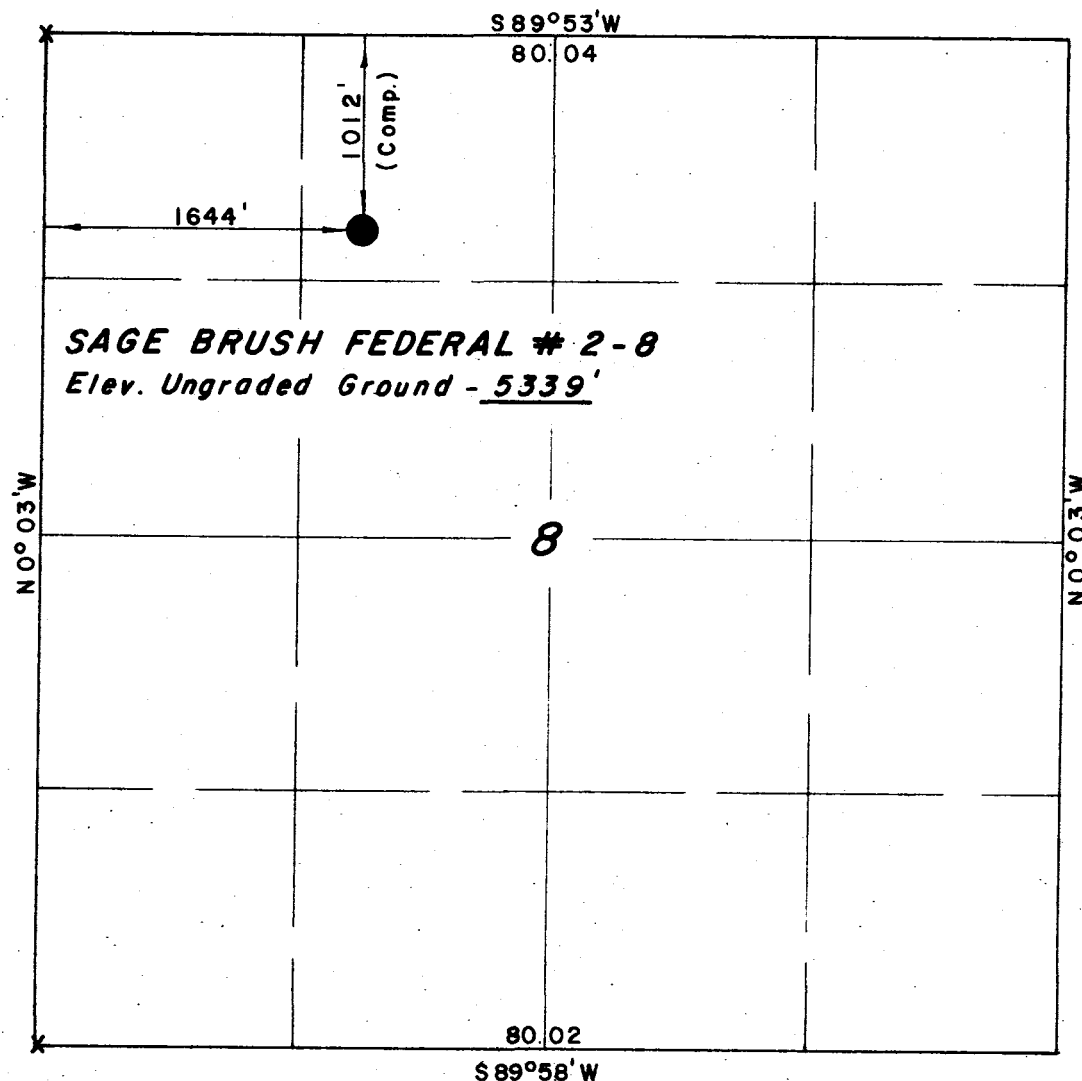
DATE

CONDITIONS OF APPROVAL, IF ANY:

T10S , R23E , S.L.B.&M.

PROJECT
ENSERCH EXPLORATION INC.

Well location, *SAGE BRUSH FEDERAL*
2-8, located as shown in the NE 1/4
NW 1/4 Section 8, T10S, R23E, S.L.B.&M.
Uintah County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT, TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

[Signature]
REGISTERED LAND SURVEYOR
REGISTRATION NO. 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	12 / 20 / 78
PARTY	DA JB BW RP	REFERENCES	GLO Plat
WEATHER	Cool	FILE	ENSERCH EXPLORATION

X = Section Corners Located

GEOLOGICAL CASING AND BOPE DATA

1. Surface Formation - Uintah

2. Estimated tops of important geological markers:

Green River	800
Wasatch	4010
Mesa Verde	5620

3. Expected mineral-bearing formation:

Mesa Verde	5620
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4. Proposed casing program:

Surface casing - New 13 3/8" 48.0# H-40 ST&C 200'
Intermediate (If needed) New 8 5/8" 24.0# K-55 LT&C 2,000'
Production casing - New 4 1/2 11.6# N-80 LT&C 7,000'

5. Blowout preventors:

- A. 12" x 3000# Shafer blowout preventor and Hydril with choke and kill lines.
- B. Pressure test to 1000 psi before drilling out below the surface casing.
Test operation of the BOPE on each trip.

6. Circulating medium:

- A. Surface to 200' - fresh water, native mud with gel.
- B. 200' to 4010' - fresh water.
- C. 4010' to TD - salt based mud.

7. Auxiliary equipment:

- A. Kelly Cock
- B. Float at bit
- C. Full-opening quick-close drill pipe valve on derrick floor at all times.

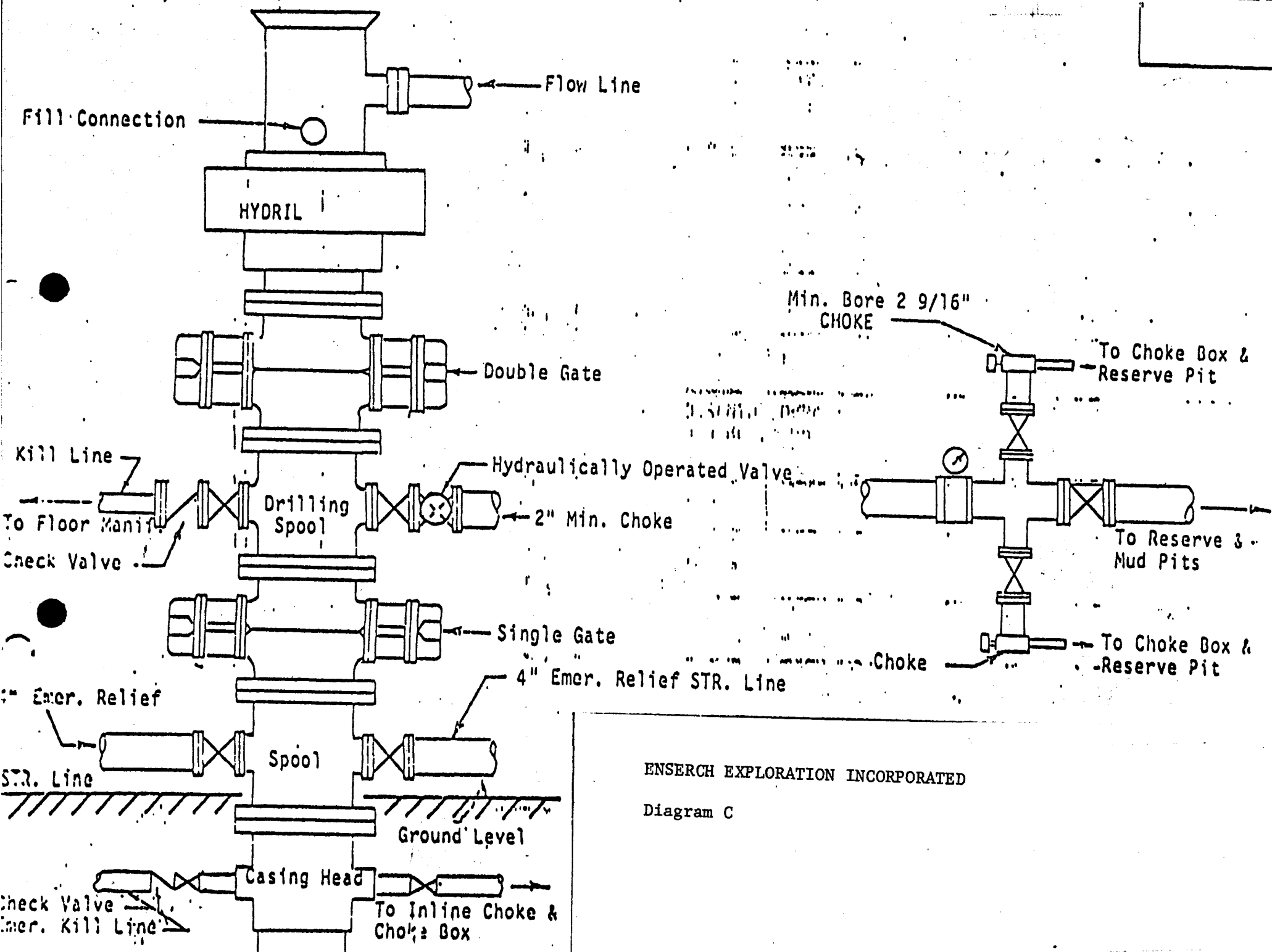
8. Testing, logging and coring procedures:

- A. Cores - none planned
- B. Tests - possible DST Wasatch and Mesa Verde
- C. Logging - Dual induction laterolog, formation density and compensated neutron.

9. Anticipated hazards:

No abnormal pressures or temperatures, hydrogen sulfide or other drilling hazards are anticipated.

10. Anticipated starting date - March 1, 1979



ENSERCH EXPLORATION INCORPORATED

Diagram C

ENSERCH EXPLORATION INCORPORATED

13 Point Surface Use Plan

for

Well Location

Sagebrush Federal #2-8

Located In

Section 8, T10S, R23E, S.L.B. & M.

Uintah County, Utah

ENSERCH EXPLORATION INCORPORATED
Sagebrush Federal #2-8
Section 8, T10S, R23E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach Enserch Exploration Incorporated well location Sagebrush Federal #2-8 located in the NE 1/4 NW 1/4 Section 8, T10S, R23E, S.L.B. & M., from Vernal, Utah:

Proceed East out of Vernal, Utah along U.S. Highway 40, 24 miles to the junction of this highway and Utah State Highway 45 to the South; proceed South along Utah State Highway 45, 22 miles to Bonanza, Utah; proceed in a Westerly direction along an improved dirt road 4.4 miles to the point that an existing dirt road exits to the Southwest; proceed Southwesterly on this road 9 miles to the proposed location site.

There is no construction anticipated along any portion of the above described road.

The road will be maintained and kept at the necessary standards required for an orderly flow of traffic during the drilling, completion, and production activities of this location.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

There will be no planned access road. The existing road crosses the proposed location. Care should be taken to make sure the traffic on the existing road is not hampered, during the drilling and production of this well.

3. LOCATION OF EXISTING WELLS

See attached Topographic Map "B".

There are existing wells within a one mile radius of this well. In the SW 1/4 Section 8, T10S, R23E, S.L.B. & M. There is a dry hole with no production, in the SW 1/4 NE 1/4 Section 8 there is an Enserch well which has been drilled, but production facilities have not as yet been connected. There are also wells belonging to Enserch which have been drilled, but have not yet been connected up to production facilities in the NW 1/4 SE 1/4 Section 7, T10S, R23E, S.L.B. & M. and in the SE 1/4 NE 1/4 Section 9, T10S, R23E, S.L.B. & M. There is a well staked in the NE 1/4 SE 1/4 Section 6, T10S, R23E, S.L.B. & M. which has not been drilled at this time. (See location plat for placement of Enserch Exploration Incorporated well location within the Section).

There are no known water wells, temporarily abandoned wells, disposal wells, shut in wells, injection wells, monitoring or observation wells for other resources within a one mile radius of this location.

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES

There are no Enserch Exploration Incorporated gathering, injection or disposal lines within a one-mile radius of this location. The location of proposed production facilities are shown on the location layout sheet.

In the event production is established, plans for a gas flow line from this location to existing gathering lines or a main production line shall be submitted

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES - continued

to the appropriate agencies for approval. It is not known at this time the exact location of the proposed gas flow line.

The rehabilitation of the disturbed area that is not required for the production of this well will meet the requirements of Items #7 and #10.

5. LOCATION AND TYPE OF WATER SUPPLY

Water to be used for the drilling of this well will be hauled by truck from the White River at an existing loading ramp located in the NE 1/4 Section 17, T9S, R22E, S.L.B. & M., approximately 19 miles by road to the Northwest of the proposed location site. Existing roads will be used. (See Topographic Map "A").

There will be no water well drilled.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road. No additional road gravels or pit lining materials from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve and burn pit will be constructed.

The reserve pit will be approximately 8' deep and at least one-half of this depth shall be below the surface of existing ground.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one-half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals, produced fluids. etc.

If deemed necessary by the agencies concerned, to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed at such time as deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time drilling, activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and reclamation activities are attempted.

When the reserve pit dries and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10, will be followed.

7. METHODS FOR HANDLING WASTE DISPOSAL - continued

The burn pit will be constructed and fenced on all four sides with a small mesh wire to prevent any flammable materials from escaping and creating a fire hazard.

All flammable materials will be burned and then buried upon completion of this well.

A portable chemical toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen.

9. WELL SITE LAYOUT

See location layout sheet.

The B.L.M. District Manager shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area. Then the pits will be lined with a gel and any other type materials necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet and Item #9). When all drilling and production activities have been completed, and the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during the construction activities shall be re-stored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash pits shall be buried with minimum of 5' of cover.

As mentioned in Item #7, the reserve pits will be completely fenced and wired and overhead flagging installed, if there is oil in the pits, and then allowed to dry completely before covering.

Restoration activities shall begin within 90 days after completion of the well. Once completion activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the mentioned Items #7, and #10.

11. OTHER INFORMATION

The Topography of the General Area (See Topographic Map "A".)

The area is a basin formed by the Blue Mountain Plateau and Green River to the North and the White River and the Roan Plateau to the South.

The basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep ledges formed in sandstones, conglomerates and shale deposits are extremely common to the area.

The geologic structure of the area that are visible are of the Uinta Formation (Eocene Epoch) Tertiary Period in the upper elevation and the cobblestone and younger alluvial deposits from Quaternary Period.

Outcrops of sandstone ledges, conglomerate deposits, and shale are common in the area.

The topsoils in the area range from a light brownish-gray sandy clay (SM-ML) type soil to poorly graded gravels to a clayey (OL) type soils.

The majority of the numerous washes and streams in the area are of a non-perennial nature flowing during the early spring run-off and extremely heavy rain storms of long duration which are extremely rare as the normal annual rainfall in the areas is only 8".

The White River to the South of this location is the only perennial stream that is affected by this location site.

Due to the low precipitation average, climate conditions and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in and in the lower elevations. It consists of areas of sagebrush, rabbitbrush, some grasses and cacti as the primary flora.

The fauna of the area consists predominantly of the mule deer, coyotes, rabbits, and various small ground squirrels and other types of rodents. The area is used by man for the primary purposes of grazing domestic sheep and cattle.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The Topography of the Immediate Area - (See Topographic Map "B")

Sagebrush Federal #2-8 is located on the top of a small ridge between two small drainages which drain to the White River. The White River is approximately 2 miles South and 2 miles West of the location.

The majority of the drainages in the area are of a non-perennial nature and drain to the South or West into the White River.

The terrain in the vicinity of the location slopes to the West and East from the centerline of the location.

ENSERCH EXPLORATION INCORPORATED
Sagebrush Federal #2-8
Section 8, T10S, R23E, S.L.B. & M.

11. OTHER INFORMATION - continued

The vegetation in the immediate area surrounding the location site is predominately sagebrush and grasses.

There are no occupied dwellings or other facilities of this nature in the general area.

All lands that are effected by this location are under (B.L.M.) jurisdiction.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE


Leo Bleeker
Drilling Supervisor
7701 North Spemmons Freeway
Suite 800
Dallas, Texas 75247

TELE: 1-214-630-8711

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that the statements made in this plan are to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Enserch Exploration Incorporated, and its contractor and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

January 8, 1979
Date

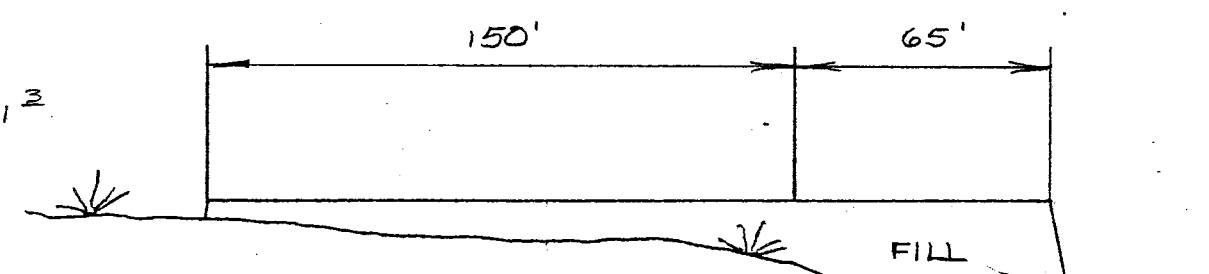
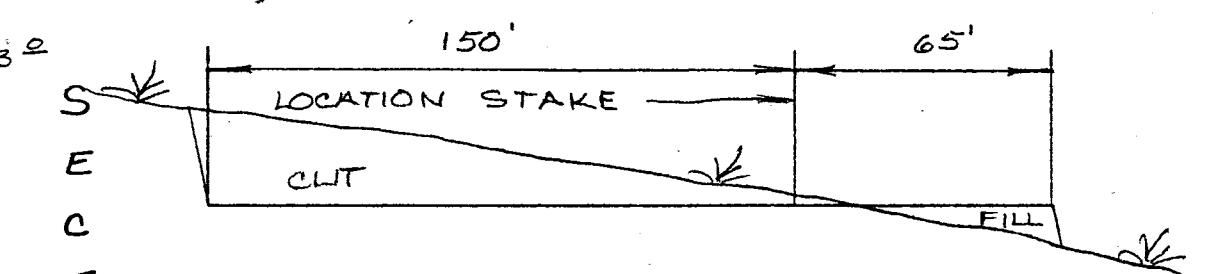
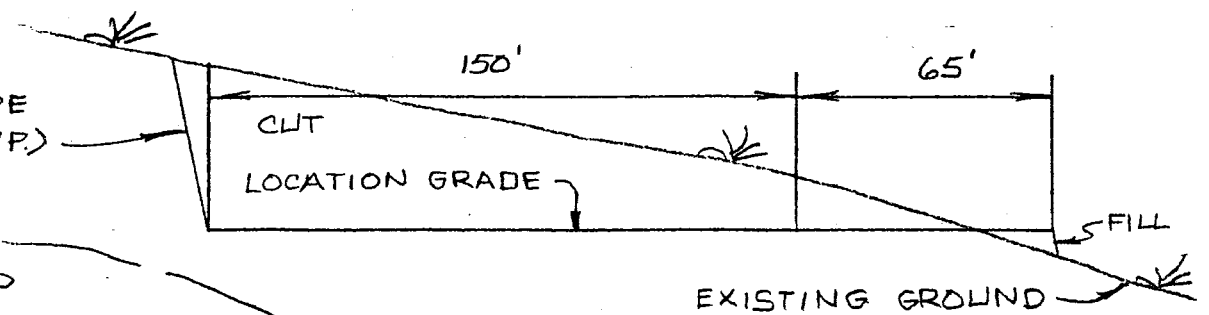
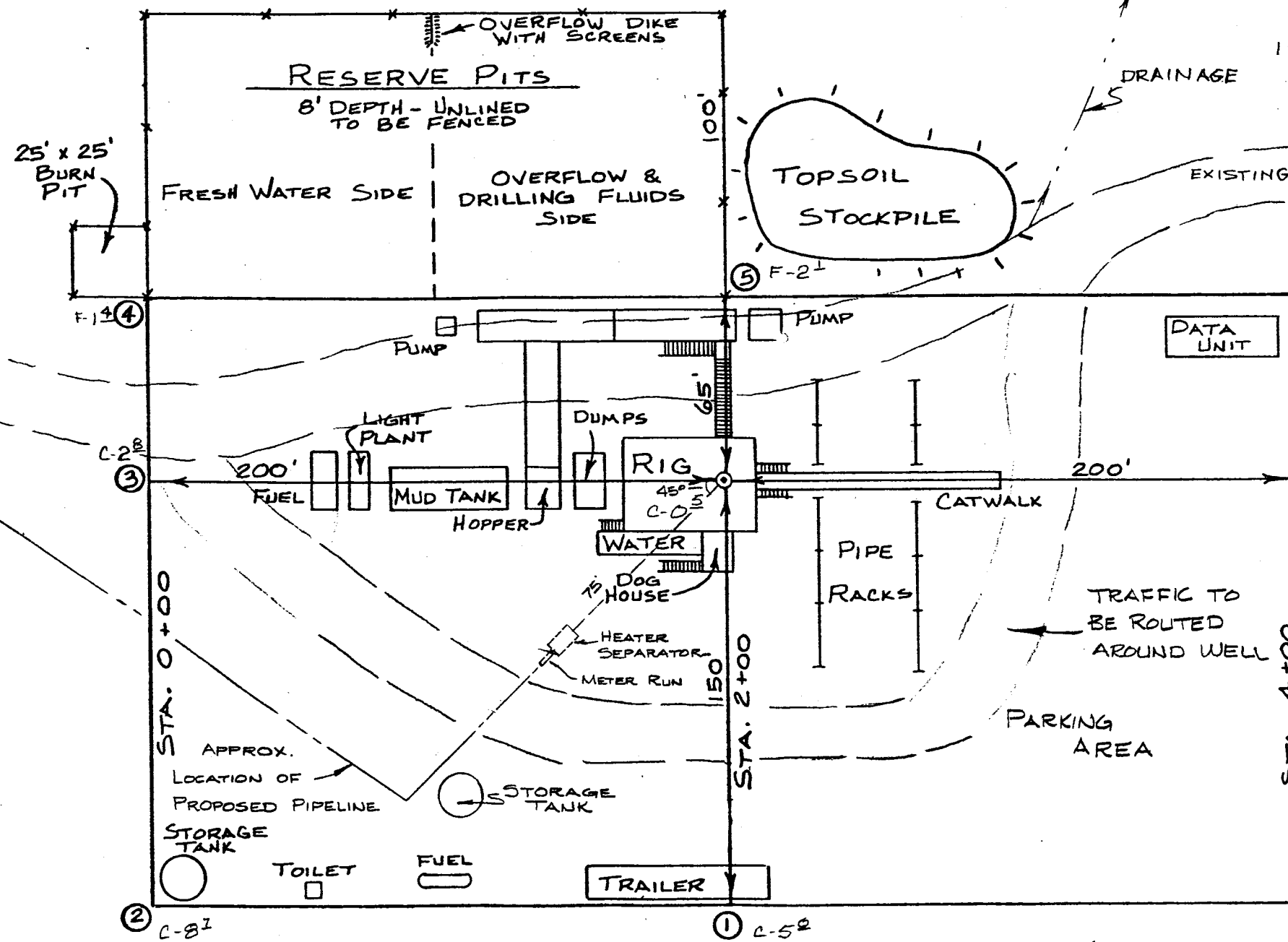

Leo Bleeker
Drilling Supervisor

ENSERCH EXPLORATION

LOCATION LAYOUT

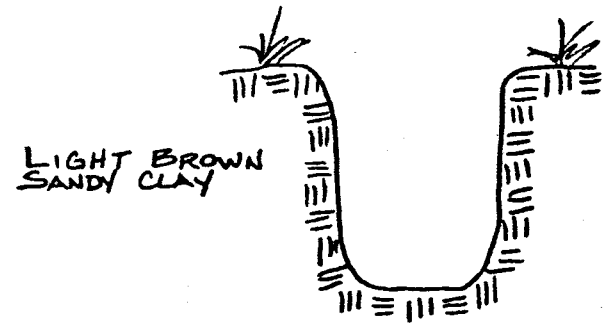
FOR
SAGE BRUSH FEDERAL #2-8

LOCATED IN
SEC. 8, T10S, R23E, S.L.B.&M.



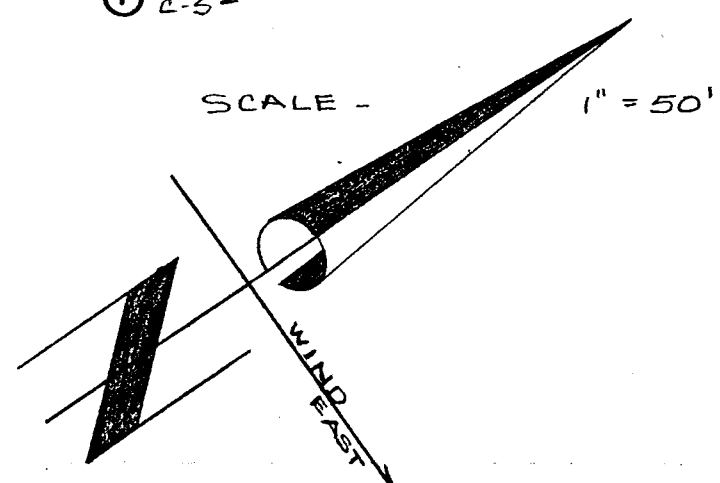
SOILS LITHOLOGY

- NO SCALE -



SCALE -

1" = 50'

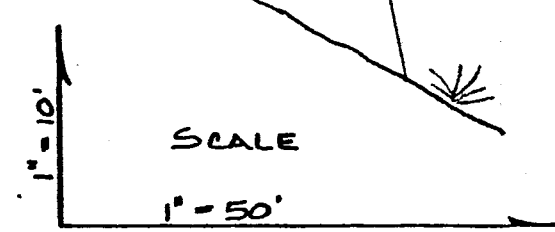


STA. 4+00 APPROX. YARDAGES

CLUT - 6,744 CU. YDS.
FILL - 3,427 CU. YDS.

SCALE

1" = 50'



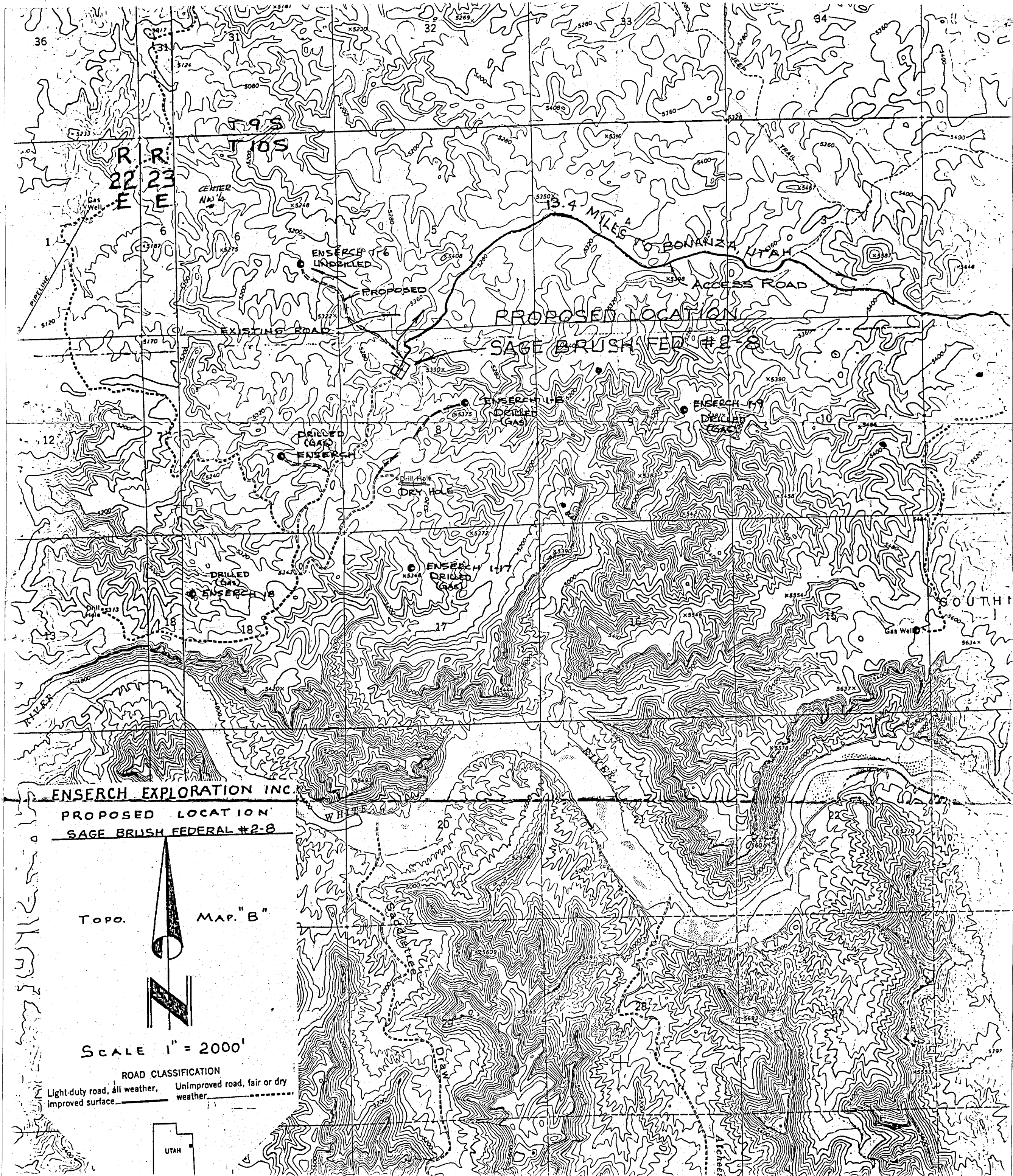
ENSERCH EXPLORATION INC.
PROPOSED LOCATION
SAGE BRUSH FEDERAL #2-8

TOPO.

MAP "A"

1" = 4 MILES





R 22 E
R 23 E

T 9 S
T 10 S

CENTER
NA 14

ENSERCH 1-6
UNDRILLED

PROPOSED

EXISTING ROAD

PROPOSED LOCATION
SAGE BRUSH FEDERAL #2-8

13.4 MILES

TO BONANZA, UTAH

ACCESS ROAD

DRILLED
(GAS)
ENSERCH

ENSERCH 1-8
DRILLED
(GAS)

ENSERCH 1-9
DRILLED
(GAS)

Drill Hole
DRY HOLE

ENSERCH 1-17
DRILLED
(GAS)

DRILLED
(GAS)
ENSERCH 1-8

ENSERCH EXPLORATION INC.

PROPOSED LOCATION
SAGE BRUSH FEDERAL #2-8

TOPO.

MAP. "B"

SCALE 1" = 2000'

ROAD CLASSIFICATION

Light-duty road, all weather,
improved surface

Unimproved road, fair or dry
weather

UTAH

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

** FILE NOTATIONS **

Date: Jan. 18-
Operator: Cusack Exploration
Well No: Aguebrush Ind. 2-8
Location: Sec. 8 T. 10S R. 23E County: Uintah

File Prepared: ☒

Entered on N.I.D.: ☒

Card Indexed: ☒

Completion Sheet: ☒

API NUMBER: 43-047-30564

CHECKED BY:

Administrative Assistant [Signature]

Remarks: OK - fit Order

Petroleum Engineer M. J. M.

Hole size #23?

Remarks:

Director 7

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: OK

Survey Plat Required: ☐

Order No. 179-1

Surface Casing Change to ☐

Rule C-3(c), Topographic exception/company owns or controls acreage within a 660' radius of proposed site ☐

O.K. Rule C-3 ☐

O.K. In

Unit ☐

Other:

[Signature] Letter Written/Approved



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

I. DANIEL STEWART
Chairman

CLEON B. FEIGHT
Director

CHARLES R. HENDERSON
JOHN L. BELL
THADIS W. BOX
C. RAY JUVELIN

January 23, 1979

Enserch Exploration Inc.
7701 No. Spemmons Freeway
Empire Central Building
Dallas, Texas

Re: Well No's:
Pete's Flat Federal 1-1,
Sec. 1, T. 10 S, R. 23 E,
NSO Federal 1-12,
Sec. 12, T. 10 S, R. 23 E,
Sheepherder Federal 1-10,
Sec. 10, T. 10 S, R. 23 E,
Sage Hen Federal 2-6,
Sec. 6, T. 10 S, R. 23 E,
~~Sagebrush Federal 2-8,~~
Sec. 8, T. 10 S, R. 23 E,
No Name Canyon Federal 2-9,
Sec. 9, T. 10 S, R. 23 E,
Jack Rabbit Federal 2-11,
Sec. 11, T. 10 S, R. 23 E,
Canyon View Federal 2-18,
Sec. 18, T. 10 S, R. 23 E,
Uintah County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to wells is hereby granted in accordance with the Order issued in Cause No. 179-1.

Should you determine that it will be necessary to plug and abandon these wells, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Geological Engineer
HOME: 876-3001
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

Enserch Exploration Inc.
January 23, 1979
Page Two

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API numbers assigned to these wells are:

#1-1: 43-047-30558	#2-8: 43-047-30564
#1-12: 43-047-30560	#2-9: 43-047-30561
#1-10: 43-047-30559	#2-11: 43-047-30562
#2-6: 43-047-30565	#2-18: 43-047-30563

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director

SW

cc: U.S. Geological Survey



SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE MCINTYRE

December 4, 1979

Enserch Exploration Inc.
Empire Central Bldg. 7701 NO. Spemmons Freeway
Dallas, Texas 75247

RE: SEE ATTACHMENT SHEET FOR WELLS.

Gentlemen:

In reference to above mentioned well(s), considerable time has gone by since approval was obtained from this office.

This office has not recieved any notification of spudding. If you do not intend to drill this well (these wells), please notify this Division. If spudding or any other activity has taken place, please send necessary forms.* If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill this well, and action will be taken to terminate the application. If you plan on drilling this well at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Debbie Beauregard
DEBBIE BEAUREGARD
CLERK-TYPIST

ATTACHMENT SHEET FOR WELLS INVOLVED.

- 1) Well No. Canyon View Fed. #2-18
- 2) Well No. Cliff Edge Fed. #2-15
- 3) Well No. Jack Rabbit Fed. #2-11
- 4) Well No. No Name Cyn. Fed. #2-9
- 5) Well No. Sagebrush Fed. # 2-8
- 6) Well No. Flat Mesa Fed. # 2-7
- 7) Well No. Sage Hen Fed. # 2-6

March 7, 1980

RECEIVED

MAR 10 1980

State of Utah
Department of Natural Resources
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

DIVISION OF
OIL, GAS & MINING

Gentlemen:

This is in response to a letter received from your office dated December 4, 1979, requesting our intention to drill in regard to the wells in the Bonanza area. (See attachment.)

Sagebr. Fed. 2-8

The engineer handling this area is no longer with our company and the above mentioned letter was just now found in his desk.

We plan to start drilling these wells in the Bonanza area this spring. I apologize for any inconvenience that has resulted in our not notifying you sooner.

Respectfully,

Bruce Lowrance

Bruce Lowrance
Enserch Exploration, Inc.
Drilling Engineer

BL/km

Attachment

ATTACHMENT SHEET FOR WELLS INVOLVED.

- 1) Well No. Canyon View Fed. #2-18
- 2) Well No. Cliff Edge Fed. #2-15
- 3) Well No. Jack Rabbit Fed. #2-11
- 4) Well No. No Name Cyn. Fed. #2-9
- 5) Well No. Sagebrush Fed. # 2-8
- 6) Well No. Flat Mesa Fed. # 2-7
- 7) Well No. Sage Hen Fed. # 2-6

RECEIVED

MAR 10 1980

DIVISION OF
OIL, GAS & MINING



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CHARLES R. HENDERSON
Chairman

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
MAXILIAN A. FARBMAN
EDWARD T. BECK
E. STEELE McINTYRE

OCTOBER 30, 1980

Ensearch Exploration, Inc.
7701 N. Stemmons Freeway, Suite #800
Dallas, Texas 74247

RE: SEE ATTACHED SHEET FOR THE
WELL NAMES.

Gentlemen:

In reference to above mentioned well(s), considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill this well (these wells), please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan on drilling thos location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Debbie Beauregard
DEBBIE BEAUREGARD
CLERK-TYPIST

SHEET ATTCHMENT

- | | | |
|--------------|--|----------------------|
| (1) | Well No. Black Gold #1
Sec. 24, t. 9S. r. 16E,
Duchesne county, Utah | |
| (2) | Well No. Castle Park #1
Sec. 10, T. 9S, R. 16E,
Duchesne County, Utah | |
| (3) | Well No. Eightmile Flat #1
Sec. 23, T. 9S, R. 18E,
Uintah County, Utah | |
| * (4) | Well No. Sage hen Fed. #2-6
Sec. 6, T. 10S, R. 23E,
Uintah County, Utah | <u>SECOND NOTICE</u> |
| * (5) | Well No. Flat Mesa Fed. #2-7
Sec. 7, T. 10S, R. 23E,
Uintah County, Utah | <u>SECOND NOTICE</u> |
| * (6)
Sec | Well No. Sagebrush Fed. #2-8
Sec. 8, T. 10S, R. 23E,
Uintah County, Utah | <u>SECOND NOTICE</u> |
| * (7) | Well No. No Name Canyon #2-9
Sec. 9, T. 10S, R. 23E,
Uintah County, Utah | <u>SECOND NOTICE</u> |
| * (8) | Well No. Jack Rabbit Fed. #2-11
Sec. 11, T. 10, R. 23,
Uintah County, Utah | <u>SECOND NOTICE</u> |
| * (9) | Well No. Cliff Edge Fed. #2-15
Sec. 15, T. 10S, R. 23E,
Uintah County, Utah | <u>SECOND NOTICE</u> |
| * (10) | Well No. Bitter Creek Fed. #1-3
Sec. 17, T. 11S, R. 22E,
Uintah County, Utah | <u>SECOND NOTICE</u> |
| * (11) | Well No. Canyon View Fed. #2-18
Sec. 18, T. 10, R. 23E,
Uintah County, Utah | <u>SECOND NOTICE</u> |

* This is the SECOND notice sent and if we do not hear from your company within fifteen (15) days, we will assume that you do not intend to drill this well(these wells) and action will be taken to terminate the application.

ENSERCH EXPLORATION, INC.
1230 River Bend Drive Suite 136
Dallas, Texas 75247

November 24, 1980

State of Utah
Department of Natural Resources
Division of Oil, Gas, and Mining

Re: Wells in Uintah County, Utah

Gentlemen:

Due to the scarcity of rigs in 1980, these wells will be drilled as early as possible in 1981.

- (1) Well No. Black Gold # 1 - Sec. 24, T. 9S, R. 16E
- (2) Well No. Castle Peak # 1 - Sec. 10, T. 9S, R. 18E
- (3) Eightmile Flat # 1 - Sec. 23, T. 9S, R. 18E
- (4) Well No. Sage Hen Fed. # 2-6 - Sec. 6, T. 10S, R. 23E
- (5) Well No. Flat Mesa Fed, # 2-7 - Sec. 7, T. 10S, R. 23E
- (6) Well No. Sagebrush Fed. # 2-8 - Sec. 8, T. 10S, R. 23E
- (7) Well No. No Name Canyon # 2-9 - Sec. 9, T. 10S, R. 23E
- (8) Well No. Jack Rabbit Fed. # 2-11 - Sec. 11, T. 10S, R. 23E
- (9) Well No. Cliff Edge Fed. # 2-15 - Sec. 15, T. 10S, R. 23E
- (10) Well No. Canyon View Fed. # 2-18 - Sec. 18, T. 10S, R. 23E

So please keep these files active .

Very truly yours,

Bruce Lowrance

Bruce Lowrance
Drilling Engineer

BL/hrs

RECEIVED

NOV 23 1980

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**DUPLICATE**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U-37355	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Enserch Exploration, Inc.			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 1230 River Bend Drive - Suite 136, Dallas, Texas 75247			8. FARM OR LEASE NAME Sagebrush Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1012' FNL & 1644' FWL Section 8, T10S, R23E, S.L.B. & M. At proposed prod. zone Same			9. WELL NO. 2-8	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 15 miles from Bonanza			10. FIELD AND POOL, OR WILDCAT Bonanza	
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		16. NO. OF ACRES IN LEASE 1920	17. NO. OF ACRES ASSIGNED TO THIS WELL 320	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		19. PROPOSED DEPTH 9000'	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5339' GR			22. APPROX. DATE WORK WILL START* A.S.A.P.	
23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	200±	Suff. to circulate
12-1/4"	8-5/8"	24#	2000±	250 sacks
7-7/8"	4-1/2"	11.6#	9000±	1000 sacks

Operator proposes to drill well to a total depth of 9000' with water and salt base drilling fluid to test all zones through the Mesa Verde Formation. A 12" x 3000 psi weld on head and 12" x 3000 psi double gate and spherical BOP will be installed and tested to 1000 psi. BOP will be checked daily. If well is not productive, casing will be restored as per BLM instructions, and a regulation dry hole marker erected.

***APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING**DATE: 3-5-81BY: [Signature]**DUPLICATE - Proposed Casing & Cementing Program revised**

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED C. H. Peeples TITLE Regional Drilling Manager DATE February 9, 1981
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U-37355	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Enserch Exploration, Inc.			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 1230 River Bend Drive - Suite 136, Dallas, Texas 75247			8. FARM OR LEASE NAME Sagebrush Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface <u>2585'</u> 12" FNL & 1643' FWL Section 8, T10S, R23E, S.L.B. & M. At proposed prod. zone <u>743'</u> Same			9. WELL NO. 2-8	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 15 miles from Bonanza			10. FIELD AND POOL, OR WILDCAT Bonanza	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 8, T10S, R23E S. L. B. & M.	
16. NO. OF ACRES IN LEASE 1920			12. COUNTY OR PARISH Uintah	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320			13. STATE Utah	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 9000'			20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5339' GR			22. APPROX. DATE WORK WILL START* A.S.A.P.	

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	200±	Suff. to circulate
12-1/4"	8-5/8"	24#	2000±	250 sacks
7-7/8"	4-1/2"	11.6#	9000±	1000 sacks

Operator proposes to drill well to a total depth of 9000' with water and salt base drilling fluid to test all zones through the Mesa Verde Formation. A 12" x 3000 psi weld on head and 12" x 3000 psi double gate and spherical BOP will be installed and tested to 1000 psi. BOP will be checked daily. If well is not productive, casing will be restored as per BLM instructions, and a regulation dry hole marker erected.

USGS

RECEIVED

APR 17 1981

DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED C. H. Peeples TITLE Regional Drilling Manager DATE February 9, 1981
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY W. J. Martin FOR E. W. GUINN DISTRICT ENGINEER DATE APR 16 1981
CONDITIONS OF APPROVAL, IF ANY: _____ TITLE _____

NOTICE OF APPROVAL

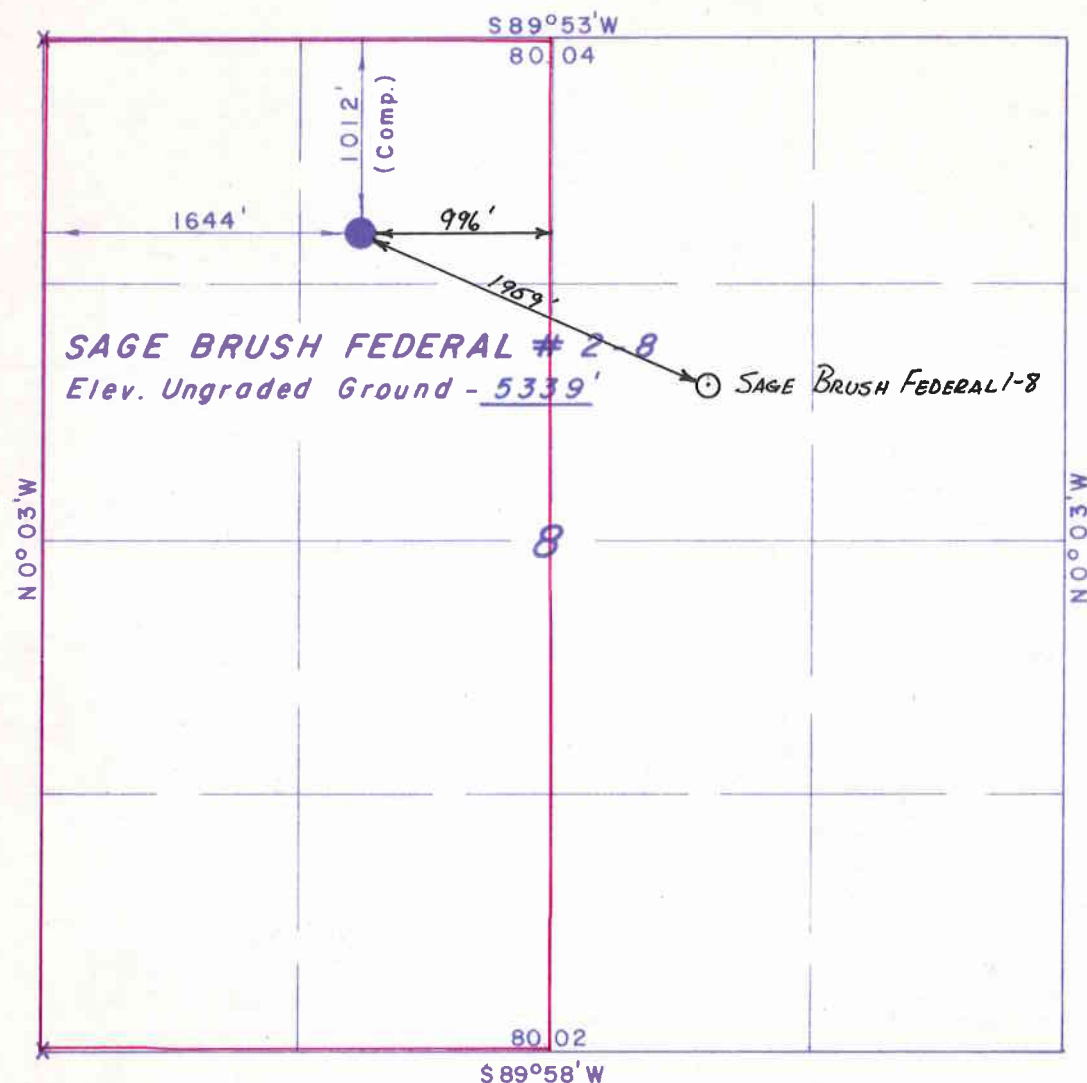
CONDITIONS OF APPROVAL ATTACHED
*TO OPERATOR'S COPYFLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80

State 0467

T10S , R23E , S.L.B. & M.

PROJECT
ENSERCH EXPLORATION INC.

Well location, *SAGE BRUSH FEDERAL # 2-8*, located as shown in the NE 1/4 NW 1/4 Section 8, T10S, R23E, S.L.B.&M. Uintah County, Utah.



X = Section Corners Located



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Helena J. [Signature]
REGISTERED LAND SURVEYOR
REGISTRATION NO. 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	12 / 20 / 78
PARTY	DA JB BW RP	REFERENCES	GLO Plat
WEATHER	Cool	FILE	ENSERCH EXPLORATION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-37355OPERATOR: ENSEARCH EXPLORATIONWELL NO. 2-8LOCATION: SW 1/4 NE 1/4 NW 1/4 sec. 8, T. 10S, R. 23E, SLMUINTAH County, UTAH

1. Stratigraphy: OPERATORS TOPS ARE REASONABLE,

UINTAH - SURFACE,

GREEN RIVER - 800'

MAHOGANY - 2000'

WASATCH - 4010'

MESA VERDE - 5620'

T.D. - 9000'

2. Fresh Water: USABLE WATER MAY OCCUR TO A DEPTH OF ~3500'

3. Leasable Minerals: PROSPECTIVELY VALUABLE FOR GILSONITE AND OIL SHALE. EXACT LOCATIONS OF GILSONITE ARE DIFFICULT TO DETERMINE BUT THE MAHOGANY ZONE IS PROBABLY LOCATED AT A DEPTH OF 2000'.

4. Additional Logs Needed: LOGS USED SHOULD BE RUN THROUGH MAHOGANY ZONE AT ~2000' DEPTH

5. Potential Geologic Hazards: POSSIBILITY OF LOST CIRCULATION IN LEACHED ZONES ASSOCIATED WITH THE MAHOGANY.

6. References and Remarks: —

Signature: Larry RichardsonDate: 2-21-81

United States Department of the Interior
Geological Survey
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Enserch Exploration, Inc.
Project Type Gas Well
Project Location 743' FWL 2585' FNL Section 8, T.10 S., R. 23 E.
Well No. 2-8 Lease No. U-38420
Date Project Submitted February 17, 1981 (resubmittal date)

FIELD INSPECTION Date March 3, 1981

Field Inspection
ParticipantsGreg Darlington USGS, VernalCory Bodman BLM, VernalGene Stewart Enserch ExplorationBenny Siaz Enserch ExplorationEarl Cady Ross Construction

Related Environmental Documents: Unit Resource Analysis, Bonanza Planning
Unit, BLM, Vernal

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

March 25, 1981

Date Prepared

Gregory Darlington

Environmental Scientist

I concur

3/31/81
DateEarl Cady

District Supervisor

Typing In 3-25-81 Typing Out 3-25-81

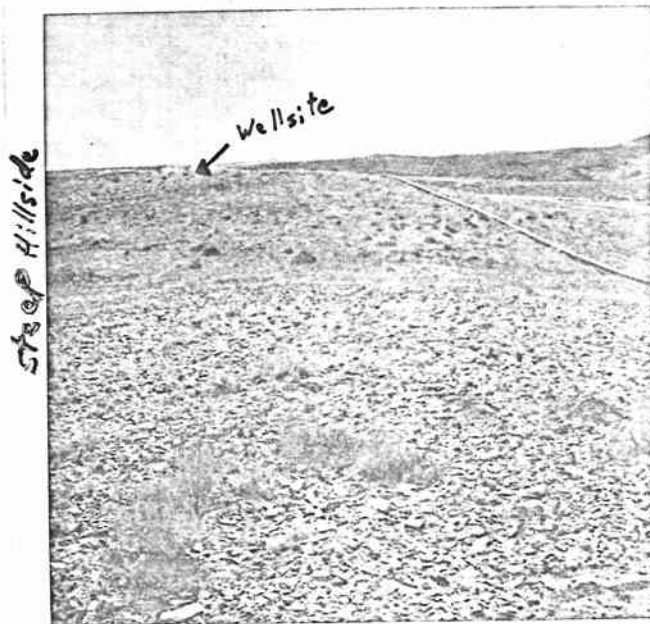
PROPOSED ACTION:

Enserch Exploration proposes to drill the Sagebrush Federal 2-8 well, a 9000' gas test of the Mesa Verde Formation. At the onsite, on March 3, 1981, we encountered problems with the proposed pad being crossed by a main gathering line and the reserve pits were located on a very steep sidehill. Then a possible alternative location was selected and a new survey plat requested. On March 24, Cory Bodman and Greg Darlington revisited the alternative location and made a few minor changes in the layout diagram which were then discussed with Nelson Marshall of Uintah Engineering. No new access road will be required for this location. A pad 190' by 350' and a reserve pit 90' by 150' are proposed for the location. Corner 2, the northwest corner would be rounded off to avoid burying an existing pipeline adjacent to the north side of the pad.

RECOMMENDED APPROVAL CONDITIONS:

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD:

1. BLM Stipulations
2. Lease Stipulations
3. Provide adequate logs of other potentially valuable minerals as requested by the Mineral Evaluation Report and Mining Report.



Original Pad 2-8
Well within 100 Ft of
Main Gathering Line



North View
Enserch 2-8 Relocation

FIELD NOTES SHEET

Date of Field Inspection: March 3, 1981 March 24 subsequent inspection
Well No.: 2-8 Sagebrush Federal
Lease No.: V-37355
Approve Location: Requested Move about 600' South to [2585' FNL 743' FWL] is determined by the survey.
Approve Access Road: ✓ No new road required
Modify Location or Access Road: We found the footages were wrong on the APD. Subsequent inspection by USGS and BLM on March 24, verified the location had been moved to the suitable alternative location chosen at the onsite.

Evaluation of Criteria for Categorical Exclusion

1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

Comments and special conditions of approval discussed at onsite: (include local topography) Shorten reserve pits from 100X150 to 90X150

Roundoff NW corner because of existing pipeline and pipeline valve.

Vintak Engineering now has 3 plats for this location: 1012 FNL 1644 FWL with no stakes on the ground is described in the APD. 2001 FNL 720 FWL which was staked on the ground at the time of the onsite but not on the APD, and 2585 FNL 743 FWL which we chose for the location at the time of the onsite and requested suitable new layout diagrams and survey plats for. We discussed this with Gene Stewart's partner Nelson Marshall of Vintak Engineering.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	<u>Federal/State Agency</u>			Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
1. Public health and safety							1, 2, 4, 6	3-3-1981	
2. Unique charac- teristics							1, 2, 4, 6	3-3	
3. Environmentally controversial							1, 2, 4, 6	3-3	
4. Uncertain and unknown risks							1, 2, 4, 6	3-3	
5. Establishes precedents							1, 2, 4, 6	3-3	
6. Cumulatively significant							1, 2, 4, 6	3-3	
7. National Register historic places							1, 6	3-3	
8. Endangered/ threatened species							1, 6	3-3	
9. Violate Federal, State, local, tribal law							1, 2, 4, 6	3-3	

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey
(Conservation Division, Geological Division, Water Resource Division,
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. *USGS conditions of approval.*



United States Department of the Interior

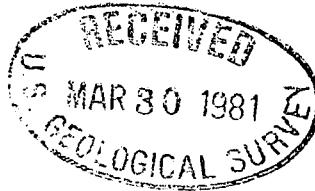
IN REPLY REFER TO

T&R
U-802

BUREAU OF LAND MANAGEMENT
Vernal District Office
170 South 500 East
Vernal, Utah 84078

March 27, 1981

Ed Gynn, District Engineer
USGS, Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, UT 84104



RE: Ensearch Exploration, Inc.
Well #2-8, Sec. 8, T10S, R22E
Uintah County, Utah

Dear Mr. Gynn:

A joint examination was made on March 24, 1981 of the above referenced well site location. We feel that the surface use and operating plans are adequate with the following stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes, shall be in accordance with surface use standards as set forth in the brochure, "Surface Operating Standards for Oil and Gas Exploration and Development".
2. It was agreed upon by all parties present that the applied for pad sizes are of adequate size to handle all drilling and fracturing operations.
3. The BLM must be contacted at least 24 hours prior to any construction activities.
4. The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding and restoration requirements.
5. Burn pits will not be constructed. There will be no burning or burying of trash or garbage at the well site. Refuse must be contained and hauled to an approved disposal site.
6. A wire mesh or net type of fence, topped with at least one strand of barbed wire, will be used around the reserve pits.
7. The top 3-5 inches of topsoil will be gathered and stockpiled as noted in the applicant's APD.



8. The reserve pits dimensions were changed from 100 feet by 150 feet to 90 feet by 150 feet.
9. Corner number 2 of the pad will be rounded to avoid the existing natural gas pipeline.

An archaeological report has been received by this office. No cultural materials were found.

The proposed activity does not jeopardize listed, threatened, or endangered flora, fauna, or their habitats.

The BLM representative will be Cory Bodman (789-1362).

Sincerely,



Dean L. Evans
Bookcliffs Resource
Area Manager

cc: USGS - Vernal

GEOLOGICAL CASING AND BOPE DATA

1. Surface Formation - Uintah
2. Estimated tops of important geological markers:

Green River	800
Wasatch	4010
Mesa Verde	5620
3. Expected mineral-bearing formation:

Mesa Verde	5620
------------	------
4. Proposed casing program:

Surface casing - New 13 3/8" 48.0# H-40 ST&C 200'
Intermediate (If needed) New 8 5/8" 24.0# K-55 LT&C 2,000'
Production casing - New 4 1/2 11.6# N-80 LT&C 7,000'
5. Blowout preventors:
 - A. 12" x 3000# Shafer blowout preventor and Hydril with choke and kill lines.
 - B. Pressure test to 1000 psi before drilling out below the surface casing.
Test operation of the BOPE on each trip.
6. Circulating medium:
 - A. Surface to 200' - fresh water, native mud with gel.
 - B. 200' to 4010' - fresh water.
 - C. 4010' to TD - salt based mud.
7. Auxiliary equipment:
 - A. Kelly Cock
 - B. Float at bit
 - C. Full-opening quick-close drill pipe valve on derrick floor at all times.
8. Testing, logging and coring procedures:
 - A. Cores - none planned
 - B. Tests - possible DST Wasatch and Mesa Verde
 - C. Logging - Dual induction laterolog, formation density and compensated neutron.
9. Anticipated hazards:

No abnormal pressures or temperatures, hydrogen sulfide or other drilling hazards are anticipated.
10. Anticipated starting date - A.S.A.P.

ENSERCH EXPLORATION INCORPORATED

13 Point Surface Use Plan

for

Well Location

Sagebrush Federal #2-8

Located In

Section 8, T10S, R23E, S.L.B. & M.

Uintah County, Utah

ENSERCH EXPLORATION INCORPORATED
Sagebrush Federal #2-8
Section 8, T10S, R23E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach Enserch Exploration Incorporated well location Sagebrush Federal #2-8 located in the NE 1/4 NW 1/4 Section 8, T10S, R23E, S.L.B. & M., from Vernal, Utah:

Proceed East out of Vernal, Utah along U.S. Highway 40, 24 miles to the junction of this highway and Utah State Highway 45 to the South; proceed South along Utah State Highway 45, 22 miles to Bonanza, Utah; proceed in a Westerly direction along an improved dirt road 4.4 miles to the point that an existing dirt road exits to the Southwest; proceed Southwesterly on this road 9 miles to the proposed location site.

There is no construction anticipated along any portion of the above described road.

The road will be maintained and kept at the necessary standards required for an orderly flow of traffic during the drilling, completion, and production activities of this location.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

There will be no planned access road. The existing road crosses the proposed location. Care should be taken to make sure the traffic on the existing road is not hampered, during the drilling and production of this well.

3. LOCATION OF EXISTING WELLS

See attached Topographic Map "B".

There are existing wells within a one mile radius of this well. In the SW 1/4 Section 8, T10S, R23E, S.L.B. & M. There is a dry hole with no production, in the SW 1/4 NE 1/4 Section 8 there is an Enserch well which has been drilled, but production facilities have not as yet been connected. There are also wells belonging to Enserch which have been drilled, but have not yet been connected up to production facilities in the NW 1/4 SE 1/4 Section 7, T10S, R23E, S.L.B. & M. and in the SE 1/4 NE 1/4 Section 9, T10S, R23E, S.L.B. & M. There is a well staked in the NE 1/4 SE 1/4 Section 6, T10S, R23E, S.L.B. & M. which has not been drilled at this time. (See location plat for placement of Enserch Exploration Incorporated well location within the Section).

There are no known water wells, temporarily abandoned wells, disposal wells, shut in wells, injection wells, monitoring or observation wells for other resources within a one mile radius of this location.

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES

There are no Enserch Exploration Incorporated gathering, injection or disposal lines within a one-mile radius of this location. The location of proposed production facilities are shown on the location layout sheet.

In the event production is established, plans for a gas flow line from this location to existing gathering lines or a main production line shall be submitted

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES - continued

to the appropriate agencies for approval. It is not known at this time the exact location of the proposed gas flow line.

The rehabilitation of the disturbed area that is not required for the production of this well will meet the requirements of Items #7 and #10.

5. LOCATION AND TYPE OF WATER SUPPLY

Water to be used for the drilling of this well will be hauled by truck from the White River at an existing loading ramp located in the NE 1/4 Section 17, T9S, R22E, S.L.B. & M., approximately 19 miles by road to the Northwest of the proposed location site. Existing roads will be used. (See Topographic Map "A").

There will be no water well drilled.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road. No additional road gravels or pit lining materials from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve and burn pit will be constructed.

The reserve pit will be approximately 8' deep and at least one-half of this depth shall be below the surface of existing ground.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one-half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals, produced fluids. etc.

If deemed necessary by the agencies concerned, to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed at such time as deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time drilling, activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and reclamation activities are attempted.

When the reserve pit dries and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10, will be followed.

7. METHODS FOR HANDLING WASTE DISPOSAL - continued

The burn pit will be constructed and fenced on all four sides with a small mesh wire to prevent any flammable materials from escaping and creating a fire hazard.

All flammable materials will be burned and then buried upon completion of this well.

A portable chemical toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen.

9. WELL SITE LAYOUT

See location layout sheet.

The B.L.M. District Manager shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area. Then the pits will be lined with a gel and any other type materials necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet and Item #9). When all drilling and production activities have been completed, and the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during the construction activities shall be re-stored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash pits shall be buried with minimum of 5' of cover.

As mentioned in Item #7, the reserve pits will be completely fenced and wired and overhead flagging installed, if there is oil in the pits, and then allowed to dry completely before covering.

Restoration activities shall begin within 90 days after completion of the well. Once completion activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the mentioned Items #7, and #10.

11. OTHER INFORMATION

The Topography of the General Area (See Topographic Map "A".)

The area is a basin formed by the Blue Mountain Plateau and Green River to the North and the White River and the Roan Plateau to the South.

The basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep ledges formed in sandstones, conglomerates and shale deposits are extremely common to the area.

The geologic structure of the area that are visible are of the Uinta Formation (Eocene Epoch) Tertiary Period in the upper elevation and the cobblestone and younger alluvial deposits from Quaternary Period.

Outcrops of sandstone ledges, conglomerate deposits, and shale are common in the area.

The topsoils in the area range from a light brownish-gray sandy clay (SM-ML) type soil to poorly graded gravels to a clayey (OL) type soils.

The majority of the numerous washes and streams in the area are of a non-perennial nature flowing during the early spring run-off and extremely heavy rain storms of long duration which are extremely rare as the normal annual rainfall in the areas is only 8".

The White River to the South of this location is the only perennial stream that is affected by this location site.

Due to the low precipitation average, climate conditions and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in and in the lower elevations. It consists of areas of sagebrush, rabbitbrush, some grasses and cacti as the primary flora.

The fauna of the area consists predominantly of the mule deer, coyotes, rabbits, and various small ground squirrels and other types of rodents. The area is used by man for the primary purposes of grazing domestic sheep and cattle.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The Topography of the Immediate Area - (See Topographic Map "B")

Sagebrush Federal #2-8 is located on the top of a small ridge between two small drainages which drain to the White River. The White River is approximately 2 miles South and 2 miles West of the location.

The majority of the drainages in the area are of a non-perennial nature and drain to the South or West into the White River.

The terrain in the vicinity of the location slopes to the West and East from the centerline of the location.

11. OTHER INFORMATION - continued

The vegetation in the immediate area surrounding the location site is predominately sagebrush and grasses.

There are no occupied dwellings or other facilities of this nature in the general area.

All lands that are affected by this location are under (B.L.M.) jurisdiction.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

C. H. Peeples
Regional Drilling Manager
1230 River Bend Drive
Suite 136
Dallas, Texas 75247

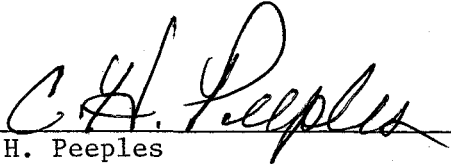
TELE: 1-214-630-8711

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that the statements made in this plan are to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Enserch Exploration Incorporated, and its contractor and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

February 9, 1981

Date


C. H. Peeples
Regional Drilling Manager

WENSERCH EXPLORATION INC.
PROPOSED LOCATION
SAGE BRUSH FEDERAL #2-8

TOPO.

MAP "A"

1" = 4 MILES



ENSERCH EXPLORATION

LOCATION LAYOUT

FOR

SAGE BRUSH FEDERAL #2-8

LOCATED IN

SEC. 8, T10S, R23E, S.L.B.&M.

DRAINAGE
BEGINNING

RESERVE PITS

8' DEPTH - UNLINED
TO BE FENCED

FRESH WATER SIDE

OVERFLOW &
DRILLING FLUIDS
SIDE

TOPSOIL
STOCKPILE

DRAINAGE

1:1 SLOPE
(TYP.)

CLT

LOCATION GRADE

EXISTING GROUND

STA. 0+00

DATA
UNIT

LIGHT
PLANT

DUMPS

RIG

CATWALK

200'

FUEL

MUD TANK

HOPPER

WATER

DOG HOUSE

HEATER
SEPARATOR

METER RUN

PIPE
RACKS

TRAFFIC TO
BE ROUTED
AROUND WELL

PARKING
AREA

C
R
O
S
S
S
E
C
T
I
O
N
S

STA. 2+00

150'

65'

LOCATION STAKE

CLT

FILL

150'

65'

FILL

STA. 4+00
APPROX. YARDAGES

CUT - 6,744 CU. YDS.

FILL - 3,427 CU. YDS.

SCALE

1" = 50'

SOILS LITHOLOGY

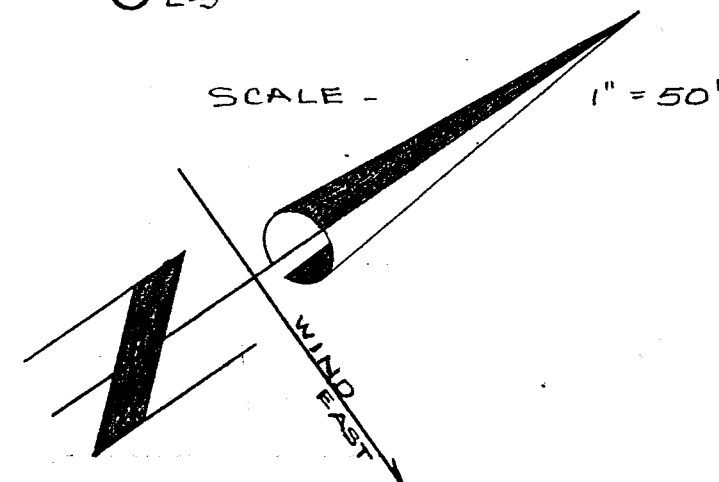
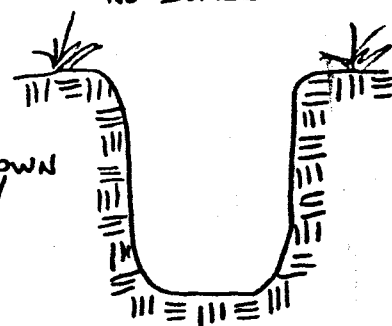
- NO SCALE -

LIGHT BROWN
SANDY CLAY

SCALE -

1" = 50'

WIND EAST





ENSERCH EXPLORATION INC.
PROPOSED LOCATION
SAGE BRUSH FEDERAL #2-3

TOPO.

MAP "B"

SCALE 1" = 2000'

ROAD CLASSIFICATION

Light-duty road, all weather,
improved surface

Unimproved road, fair or dry
weather

UTAH

QUADRANGLE LOCATION



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 5, 1982

Enserch Exploration, Inc.
1230 River Bend Drive, Suite 136
Dallas, Texas 75247

Re: See attached

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill these wells, and action will be taken to terminate the application. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Clerk Typist

Well No. Eightmile #1
Sec. 24, T. 9S, R. 18E
Uintah County, Utah

Well No. Sage Hen Federal 2-6
Sec. 6, T. 10S, R. 23E
Uintah County, Utah

Well No. Flat Mesa Federal 2-7
Sec. 7, T. 10S, R. 23E
Uintah County, Utah

Well No. Sagebrush Federal 2-8
Sec. 8, T. 10S, R. 23E
Uintah County, Utah

Well No. No Name Cyn. Fed 2-9
Sec. 9, T. 10S, R. 23E
Uintah County, Utah

Well No. Jack Rabbit Fed. 2-11
Sec. 11, T. 10S, R. 23E
Uintah County, Utah

Well No. Crooked Cyn. Fed. 2-17
Sec. 17, T. 10S, R. 23E
Uintah County, Utah

Well No. Canyon View Fed. 2-18
Sec. 18, T. 10S, R. 23E
Uintah County, Utah

Well No. P. T. S. Federal 1-6
Sec. 6, T. 10S, R. 24E
Uintah County, Utah

January 8, 1982

State of Utah
Natural Resources and Energy
Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

Attn: Cari Furse

In reference to your letter dated January 5, 1982 concerning the attached list of approved permits to drill, we anticipate to spud the following on or about the indicated dates:

- (1) Eightmile Flat Well No. 1
Sec. 24-T9S-R18E
Uintah County, Utah
Spud approximately January 20, 1982
- (2) Flat Mesa Federal Well No. 2-7
Sec. 7-T10S-R23E
Uintah County, Utah
Spud approximately February 1, 1982

The remaining wells listed are not anticipated to be drilled in the near future and their applications may therefore be terminated. If there are any questions please advise.



R. S. Brashier
Senior Drilling Engineer
Enserch Exploration, Inc.
1230 River Bend Drive
Suite 136
Dallas, Texas 75247

RSB:hrs

Attach

Well No. Eightmile #1
Sec. 24, T. 9S, R. 18E
Uintah County, Utah

← SPUD 1-20-82

Well No. Sage Hen Federal 2-6
Sec. 6, T. 10S, R. 23E
Uintah County, Utah

Well No. Flat Mesa Federal 2-7
Sec. 7, T. 10S, R. 23E
Uintah County, Utah

← SPUD 2-1-82

Well No. Sagebrush Federal 2-8
Sec. 8, T. 10S, R. 23E
Uintah County, Utah

Well No. No Name Cyn. Fed 2-9
Sec. 9, T. 10S, R. 23E
Uintah County, Utah

Well No. Jack Rabbit Fed. 2-11
Sec. 11, T. 10S, R. 23E
Uintah County, Utah

Well No. Crooked Cyn. Fed. 2-17
Sec. 17, T. 10S, R. 23E
Uintah County, Utah

Well No. Canyon View Fed. 2-18
Sec. 18, T. 10S, R. 23E
Uintah County, Utah

Well No. P. T. S. Federal 1-6
Sec. 6, T. 10S, R. 24E
Uintah County, Utah

RECEIVED

JAN 11 1982

DIVISION OF
OIL, GAS & MINING

Oil and Gas Operations
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104-3884

May 12, 1982

Enserch Exploration, Inc.
1230 River Bend Drive, Suite 136
Dallas, Texas 75247

Re: Rescind Application for Permit
to Drill
Well No. 2-8
Section 8, T. 10S., R. 23E.
Uintah County, Utah
Lease No. U-37355

Gentlemen:

The Application for Permit to Drill the referenced well was approved on April 16, 1981. Since that date no known activity has transpired at the approved location. Under current District policy, applications for permit to drill are effective for a period of one year. In view of the foregoing this office is rescinding the approval of the referenced application without prejudice. If you intend to drill at this location at a future date, a new application for permit to drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must then be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

(ORIG. SGD.) R. A. HENRICKS
Production Unit Supervisor
SM E. W. Gynn
District Oil & Gas Supervisor

bcc: SMA

State O&G
State BLM
MMS-Vernal
Well File
APD Control

RAH/tm